

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6144571

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
HORIZON TECHNOLOGY FINANCE CORPORATION		05/11/2020
RECEIVING PARTY DATA		
Name:	MEDITRINA, INC.	
Street Address:	1601 S. DE ANZA BOULEVARD	
Internal Address:	SUITE 165	
City:	CUPERTINO	
State/Country:	CALIFORNIA	
Postal Code:	95014	
PROPERTY NUMBERS Total: 23		
Property Type	Number	
Application Number:	62399193	
Application Number:	62399204	
Application Number:	15712603	
Application Number:	62433121	
Application Number:	15836460	
Application Number:	62442120	
Application Number:	15861474	
Application Number:	62442805	
Application Number:	62443377	
Application Number:	62505763	
Application Number:	62506504	
Application Number:	15975626	
Application Number:	16022521	
Application Number:	62571088	
Application Number:	62572268	
Application Number:	62573541	
Application Number:	16157949	
Application Number:	62652394	
Application Number:	62723393	

PATENT

Property Type	Number
Application Number:	62756979
Application Number:	62758389
PCT Number:	US2017065635
PCT Number:	US2018055428

CORRESPONDENCE DATA

Fax Number: (860)676-8655

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	ERIC S. DARMOFAL
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SIGNATURE:	/s/Eric S.Darmofal
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DATE SIGNED:	06/09/2020
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Total Attachments: 6

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RELEASE OF GRANT OF SECURITY INTEREST - PATENTS

This RELEASE OF GRANT OF SECURITY INTEREST -- PATENTS, dated as of May 11, 2020 ("Release") by Horizon Technology Finance Corporation ("Secured Party"), as secured party against the interests of Medtrina, Inc., a Delaware corporation (the "Assignor") and the Assignor's patents/patent applications listed and described in the form attached hereto as Schedule 1-A and Schedule 1-B, respectively, as recorded with the patent division of the United States Patent and Trademark Office at Reel 049125, Frame 0207 on May 9, 2019 (the "Security Interest").

The Secured Party does hereby release any and all interests it may have against the Security Interest.

IN WITNESS WHEREOF, Secured Party has executed this Release, to take effect as of the date first set forth above.

HORIZON TECHNOLOGY FINANCE
CORPORATION

By: 
Name: Robert D. Pomeroy, Jr.
Title: Chief Executive Officer

SCHEDULES 1-A AND 1-B TO RELEASE OF GRANT OF SECURITY INTEREST
PATENTS & PATENT APPLICATIONS

FILE #	TITLE	COUNTRY	STATUS	DATE FILED	APPLICATION #	LAST MODIFIED
3154.006US2	PHOTODETECTORS AND PHOTOVOLTAICS BASED ON SEMICONDUCTOR NANOCRYSTALS	United States of America	Issued	Sep 8, 2011	13/228,197	Jun 13, 2014
3154.019US2	MATERIALS, FABRICATION EQUIPMENT, AND METHODS FOR STABLE, SENSITIVE PHOTODETECTORS AND IMAGE SENSORS MADE THEREFROM	United States of America	Issued	May 16, 2012	13/473,020	Jun 13, 2014
3154.023US1	IMAGE SENSORS EMPLOYING SENSITIZED SEMICONDUCTOR DIODES	United States of America	Issued	Mar 18, 2011	13/051,320	Jun 13, 2014
3154.001US1	OPTICALLY-REGULATED OPTICAL EMISSION USING COLLOIDAL QUANTUM DOT NANOCRYSTALS	United States of America	Issued	Apr 19, 2005	11/108,900	Jun 13, 2014
3154.002US1	THREE-DIMENSIONAL BICONTINUOUS HETEROSTRUCTURES, A METHOD OF MAKING THEM, AND THEIR APPLICATION IN QUANTUM DOT-POLYMER NANOCOMPOSITE PHOTODETECTORS AND PHOTOVOLTAICS	United States of America	Issued	Jan 9, 2006	11/327,655	Jun 13, 2014
3154.002US2	THREE-DIMENSIONAL BICONTINUOUS HETEROSTRUCTURES, METHOD OF MAKING, AND THEIR APPLICATION IN QUANTUM DOT-POLYMER NANOCOMPOSITE PHOTODETECTORS AND PHOTOVOLTAICS	United States of America	Issued	Feb 8, 2012	13/368,747	Jun 13, 2014
3154.003US1	QUANTUM DOT OPTICAL DEVICES WITH ENHANCED GAIN AND SENSITIVITY AND METHODS OF MAKING SAME	United States of America	Issued	Aug 24, 2006	11/510,510	Jun 13, 2014
3154.003US2	QUANTUM DOT OPTICAL DEVICES WITH ENHANCED GAIN AND SENSITIVITY AND METHODS OF MAKING SAME	United States of America	Issued	Aug 6, 2010	12/852,328	Jun 13, 2014
3154.003US3	QUANTUM DOT OPTICAL DEVICES WITH ENHANCED GAIN AND SENSITIVITY AND METHODS OF MAKING SAME	United States of America	Issued	Dec 12, 2011	13/323,387	Jun 13, 2014
3154.003US4	QUANTUM DOT OPTICAL DEVICES WITH ENHANCED GAIN AND SENSITIVITY AND METHODS OF MAKING SAME	United States of America	Issued	Sep 12, 2012	13/612,103	Jun 13, 2014
3154.003US5	QUANTUM DOT OPTICAL DEVICES WITH ENHANCED GAIN AND SENSITIVITY AND METHODS OF MAKING SAME	United States of America	Issued	Mar 21, 2013	13/848,449	Jun 13, 2014
3154.004US1	METHODS OF MAKING QUANTUM DOT FILMS	United States of America	Issued	Aug 24, 2006	11/509,318	Jun 13, 2014

FILE #	TITLE	COUNTRY	STATUS	DATE FILED	APPLICATION #	LAST MODIFIED
3154.004US2	METHODS OF MAKING QUANTUM DOT FILMS	United States of America	Issued	Feb 27, 2009	12/395,592	Jun 13, 2014
3154.004US3	METHODS OF MAKING QUANTUM DOT FILMS	United States of America	Issued	May 14, 2010	12/780,026	Jun 13, 2014
3154.004US4	METHODS OF MAKING QUANTUM DOT FILMS	United States of America	Issued	Sep 23, 2011	13/242,397	Jun 13, 2014
3154.005US1	ELECTRONIC AND OPTOELECTRONIC DEVICES WITH QUANTUM DOT FILMS	United States of America	Issued	Aug 24, 2006	11/510,263	Jun 13, 2014
3154.005US2	ELECTRONIC AND OPTOELECTRONIC DEVICES WITH QUANTUM DOT FILMS	United States of America	Issued	May 14, 2010	12/780,420	Jun 13, 2014
3154.005US3	ELECTRONIC AND OPTOELECTRONIC DEVICES WITH QUANTUM DOT FILMS	United States of America	Issued	Sep 7, 2011	13/226,533	Jun 13, 2014
3154.006US3	PHOTODETECTORS AND PHOTOVOLTAICS BASED ON SEMICONDUCTOR NANOCRYSTALS	United States of America	Issued	Sep 16, 2011	13/235,134	Jun 13, 2014
3154.006US4	COLLOIDAL NANOPARTICLE MATERIALS FOR PHOTODETECTORS AND PHOTOVOLTAICS (As Amended)	United States of America	Issued	Sep 16, 2011	13/235,159	Jun 13, 2014
3154.006US5	SCHOTTKY-QUANTUM DOT PHOTODETECTORS AND PHOTOVOLTAICS	United States of America	Issued	Sep 16, 2011	13/235,185	Jun 30, 2014
3154.007U10	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 24, 2011	13/217,026	Jun 13, 2014
3154.007U11	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 24, 2011	13/217,047	Jun 13, 2014
3154.007U12	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 24, 2011	13/217,103	Jun 13, 2014
3154.007U13	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 24, 2011	13/217,125	Jun 13, 2014
3154.007U14	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 25, 2011	13/218,364	Jun 13, 2014
3154.007U15	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 25, 2011	13/218,401	Jun 13, 2014
3154.007U16	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 26, 2011	13/218,693	Jun 13, 2014
3154.007U17	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 26, 2011	13/218,761	Jun 13, 2014
3154.007U18	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 26, 2011	13/218,802	Jun 13, 2014
3154.007U19	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 26, 2011	13/218,937	Jun 13, 2014

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3154.007US1	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Apr 18, 2008	12/106,256	Jun 13, 2014
3154.007US2	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Mar 19, 2010	12/728,184	Jun 13, 2014
3154.007US3	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Mar 19, 2010	12/728,181	Jun 13, 2014
3154.007US4	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 12, 2011	13/209,264	Jun 13, 2014
3154.007US5	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 19, 2011	13/213,932	Jun 13, 2014
3154.007US6	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 22, 2011	13/214,582	Jun 13, 2014
3154.007US7	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 22, 2011	13/214,711	Jun 13, 2014
3154.007US8	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 22, 2011	13/214,835	Jun 13, 2014
3154.007US9	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Aug 22, 2011	13/214,898	Jun 13, 2014
3154.008US1	SYSTEMS AND METHODS FOR COLOR BINNING	United States of America	Issued	Oct 28, 2010	12/914,480	Jun 13, 2014
3154.019US1	Materials, Fabrication Equipment, and Methods for Stable, Sensitive Photodetectors and Image Sensors Made Therefrom	United States of America	Issued	Jul 20, 2009	12/506,233	Jun 13, 2014
3154.020US1	Materials, Fabrication Equipment, and Methods for Stable, Sensitive Photodetectors and Image Sensors Made Therefrom	United States of America	Issued	Jul 20, 2009	12/506,236	Jun 13, 2014
3154.022US1	DARK CURRENT REDUCTION IN IMAGE SENSORS VIA DYNAMIC ELECTRICAL BIASING	United States of America	Issued	Mar 18, 2011	13/051,983	Jun 17, 2014
3154.002US3	THREE-DIMENSIONAL BICONTINUOUS HETEROSTRUCTURES, METHOD OF MAKING, AND THEIR APPLICATION IN QUANTUM DOT-POLYMER NANOCOMPOSITE PHOTODETECTORS AND PHOTOVOLTAICS	United States of America	Issued	May 6, 2013	13/887,895	Jun 13, 2014
3154.003US6	QUANTUM DOT OPTICAL DEVICES WITH ENHANCED GAIN AND SENSITIVITY AND METHODS OF MAKING SAME	United States of America	Issued	May 12, 2014	14/275,712	Jun 23, 2014
3154.007U20	MATERIALS, SYSTEMS AND METHODS FOR OPTOELECTRONIC DEVICES	United States of America	Issued	Oct 7, 2013	14/047,315	Jun 30, 2014

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3154.008US2	SYSTEMS AND METHODS FOR COLOR BINNING	United States of America	Issued	Aug 26, 2013	14/010,095	Jun 13, 2014
3154.008WO1	SYSTEMS AND METHODS FOR COLOR BINNING	PCT	Pending	Oct 28, 2010	PCT/US2010/054518	Jun 13, 2014
3154.017WO1	Materials, Fabrication Equipment and Methods for Stable, Sensitive Photodetectors and Image Sensors Made Therefrom	PCT	Pending	Jul 20, 2009	PCT/US2009/051186	Jun 13, 2014
3154.022US2	DARK CURRENT REDUCTION IN IMAGE SENSORS VIA DYNAMIC ELECTRICAL BIASING	United States of America	Issued	May 22, 2014	14/285,247	Jun 27, 2014
3154.024US1	DEVICES AND METHODS FOR HIGH-RESOLUTION IMAGE AND VIDEO CAPTURE	United States of America	Issued	May 3, 2011	13/099,903	Jun 13, 2014
3154.025US1	PHOTODETECTOR COMPRISING A PINNED PHOTODIODE THAT IS FORMED BY AN OPTICALLY SENSITIVE LAYER AND A SILICON DIODE	United States of America	Issued	Jun 8, 2011	13/156,235	Jun 13, 2014
3154.025WO1	STABLE, SENSITIVE PHOTODETECTORS AND IMAGE SENSORS INCLUDING CIRCUITS, PROCESSES, AND MATERIALS FOR ENHANCED IMAGING PERFORMANCE	PCT	Pending	Jun 8, 2011	PCT/US2011/039655	Jun 13, 2014
3154.027US1	SENSORS AND SYSTEMS FOR THE CAPTURE OF SCENES AND EVENTS IN SPACE AND TIME	United States of America	Pending	Oct 10, 2012	13/648,721	Jun 13, 2014
3154.029PV2	EQUIPMENT AND METHOD OF MANUFACTURING FOR LIQUID PROCESSING IN A CONTROLLED ATMOSPHERIC AMBIENT	United States of America	Pending	Jun 4, 2013	61/831,026	Jun 13, 2014
3154.029US1	EQUIPMENT AND METHOD OF MANUFACTURING FOR LIQUID PROCESSING IN A CONTROLLED ATMOSPHERIC AMBIENT	United States of America	Pending	Sep 24, 2013	14/035,567	Jun 13, 2014
3154.033US1	DEVICES, METHODS, AND SYSTEMS FOR EXPANDED-FIELD-OF-VIEW IMAGE AND VIDEO CAPTURE	United States of America	Pending	Oct 30, 2013	14/067,745	Jun 13, 2014
3154.033WO1	EXPANDED-FIELD-OF-VIEW IMAGE AND VIDEO CAPTURE	PCT	Pending	Oct 30, 2013	PCT/US2013/067569	Jun 13, 2014
3154.034US1	SENSORS AND SYSTEMS FOR THE CAPTURE OF SCENES AND EVENTS IN SPACE AND TIME	United States of America	Issued	Dec 10, 2013	14/101,642	Jun 23, 2014
3154.034WO1	CAPTURE OF SCENES AND EVENTS IN SPACE AND TIME	PCT	Pending	Dec 10, 2013	PCT/US2013/074112	Jun 30, 2014
3154.035US1	DEVICES AND METHODS FOR HIGH-RESOLUTION IMAGE AND VIDEO CAPTURE	United States of America	Pending	May 14, 2013	13/894,184	Jun 13, 2014
3154.035WO1	HIGH-RESOLUTION IMAGE AND VIDEO CAPTURE	PCT	Pending	May 14, 2014	PCT/US2014/000107	Jun 26, 2014
3154.036PRV	IMAGE SENSOR WITH NOISE REDUCTION	United States of America	Pending	Jun 7, 2013	61/832,767	Jun 13, 2014

FILE #	TITLE	COUNTRY	STATUS	DATE FILED	APPLICATION #	LAST MODIFIED
3154.036US1	IMAGE SENSOR WITH NOISE REDUCTION	United States of America	Issued	Jun 5, 2014	14/297,502	Jun 26, 2014
3154.036WO1	IMAGE SENSOR WITH NOISE REDUCTION	PCT	Pending	Jun 6, 2014	PCT/US2014/041275	Jun 16, 2014
3154.037PRV	SENSORS AND SYSTEMS FOR THE CAPTURE OF SCENES AND EVENTS IN SPACE AND TIME	United States of America	Pending	Jun 5, 2014	62/008,039	Jun 25, 2014
3154.038PRV	LAYOUT AND OPERATION OF PIXELS FOR IMAGE SENSORS	United States of America	Pending	Jun 10, 2014	62/010,260	Jun 26, 2014
3154.039PRV	MULTI-TERMINAL OPTOELECTRONIC DEVICES FOR LIGHT DETECTION	United States of America	Pending	Jun 10, 2014	62/010,269	Jun 26, 2014